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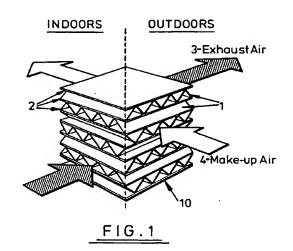
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## (54) A heat and moisture exchange device

(57) The invention is for a device that provides heat exchange and moisture exchange for use in heating and air conditioning systems. The device consists of a housing containing an assembly having a non-porous water-vapor-permeable polymeric heat and moisture exchange film (2). The non-porous water-vapor-permeable heat and moisture exchange film is interposed between an air stream having a higher water content and an air stream having a lower water content. The film prevents passage of air through it but readily passes water vapor through it, thereby effecting heat exchange and moisture exchange between the air streams.





## EUROPEAN SEARCH REPORT

Application Number EP 94 30 8263

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with in- of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)	
X A	EP-A-0 012 491 (TELC * the whole document	IN LIMITED)	1-3 4,5	F24F3/147	
A,D	PATENT ABSTRACTS OF vol. 4 no. 9 (M-89) & JP-A-54 145048 (1 December 1979, * abstract *	,23 January 1980	1		
A	US-A-3 666 007 (YOSH * abstract; figures		1		
				TECHNICAL FIELDS SEARCHED (Int. Cl. 6) F24F	
	The present search report has be				
	Place of search	Date of completion of the search		Examiner	
THE HAGUE  CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category		NTS T: theory or p E: earlier pate after the fi ther D: document	23 January 1996 Gonzalez-Granda, C  T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited in other reasons		
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